

Title (en)  
NETWORK SYSTEM

Title (de)  
NETZWERKSYSTEM

Title (fr)  
SYSTÈME DE RÉSEAU

Publication  
**EP 2537078 A1 20121226 (EN)**

Application  
**EP 11745218 A 20110217**

Priority

- IB 2010003388 W 20101126
- KR 2010002852 W 20100505
- KR 2010003750 W 20100610
- KR 2010002851 W 20100505
- KR 20100020599 A 20100309
- KR 20100060889 A 20100626
- KR 20100014154 A 20100217
- US 2011025227 W 20110217

Abstract (en)  
[origin: WO2011103278A1] Provided is a network system including: a utility network including an energy generating unit; a home network consuming energy generated from the energy generating unit and including an energy consuming unit operating based on energy information including at least one energy price information; and a power adjusting device through which a current or a voltage supplied for an operation of the energy consuming unit is passed, wherein the power adjusting device reduces energy cost or an energy amount used by adjusting a voltage or current amount applied to the energy consuming unit based on the energy information.

IPC 8 full level  
**H04L 12/28** (2006.01); **H04L 12/12** (2006.01)

CPC (source: EP US)  
**G06Q 10/06** (2013.01 - EP US); **G06Q 50/06** (2013.01 - EP US); **H02J 3/381** (2013.01 - EP US); **H02J 4/00** (2013.01 - US); **H02J 13/00004** (2020.01 - EP US); **H02J 13/00022** (2020.01 - EP US); **H02J 13/00034** (2020.01 - EP US); **H02J 13/00036** (2020.01 - EP US); **H02J 3/14** (2013.01 - EP US); **H02J 2203/20** (2020.01 - EP US); **H02J 2310/14** (2020.01 - EP US); **H02J 2310/64** (2020.01 - EP US); **Y02B 70/30** (2013.01 - EP US); **Y02B 70/3225** (2013.01 - EP); **Y02E 60/00** (2013.01 - US); **Y04S 10/12** (2013.01 - US); **Y04S 20/222** (2013.01 - EP US); **Y04S 20/242** (2013.01 - EP US); **Y04S 40/20** (2013.01 - US); **Y04S 50/10** (2013.01 - EP)

Designated contracting state (EPC)  
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**US 2011025227 W 20110217**; EP 11745218 A 20110217; US 201113579439 A 20110217